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Dated: July 13, 2009

Signature: /Lynn L. Janulis/53,066
(Lynn L. Janulis)

Docket No.: 31471/44171
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Aguilar et al.

Application No.: 10/526,829

Confirmation No.: 5802

Filed: September 26, 2005

Art Unit: 1644

For: A METHOD OF MODULATING CELLULAR
ACTIVITY AND MOLECULES FOR USE
THEREIN

Examiner: Marianne Dibrino

**AMENDMENT AND RESPONSE TO NOTICE OF NON-RESPONSIVE
AMENDMENT AND NOTICE TO COMPLY WITH REQUIREMENTS FOR
PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR
AMINO ACID SEQUENCE DISCLOSURES**

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Madam/Sir:

INTRODUCTORY COMMENTS

This paper is filed in response to an Office Communication mailed May 13, 2009 alleging that Applicant's previously filed amendment (filed February 26, 2009) was not fully response, and in response to a Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed May 13, 2009. This paper is timely filed along with a petition for an extension of time and the requisite fee. No additional fee is believed to be due with the filing of this paper and the enclosed substitute Sequence Listing. However, The Director is hereby authorized to charge any fee deficiency to our Deposit Account No. 13-2855, under Order No.31471/44171.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Drawings begins at page 18 of this paper.

Remarks/Arguments begin on page 19 of this paper.